

Title (en)
VARIABLE PHASE SHIFTER

Title (de)
VARIABLER PHASENSCHIEBER

Title (fr)
DÉPHASEUR VARIABLE

Publication
EP 2036159 A4 20100505 (EN)

Application
EP 07747012 A 20070620

Priority
• KR 2007002978 W 20070620
• KR 20060057480 A 20060626

Abstract (en)
[origin: WO2008002032A1] Disclosed is a variable phase shifter, the variable phase shifter including: a fixed board which is fixedly provided in a housing, and consisting of a dielectric board, and consisting of a dielectric board, having a second transfer stripline having at least one arc-shaped output micro stripline on one surface; a rotating board rotatably provided within the housing while coming in contact with the one surface of the fixed board, and consisting of a dielectric board, having a second transfer stripline coupled to the arc-shaped output micro stripline on a surface where the rotating board comes in contact with the one surface of the fixed board even when the rotating board rotates; wherein both the sides of at least one output micro stripline of the fixed board are connected to an output port, and the other surface of the fixed board includes an input micro stripline, so that the other surface of the fixed board is electrically connected and receives an input signal.

IPC 8 full level
H01P 1/18 (2006.01)

CPC (source: EP KR US)
H01P 1/18 (2013.01 - KR); **H01P 1/184** (2013.01 - EP US); **H01P 3/08** (2013.01 - KR)

Citation (search report)
• [X] JP H0677710 A 19940318 - SUMITOMO ELECTRIC INDUSTRIES
• [X] WO 03019720 A1 20030306 - EMS TECHNOLOGIES INC [US]
• [X] DE 2458477 A1 19760708 - DEUTSCHE FORSCH LUFT RAUMFAHRT
• [X] JP S5875901 A 19830507 - NIPPON ELECTRIC CO
• [X] US 3114121 A 19631210 - JORDAN ROBERT A
• See references of WO 2008002032A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2008002032 A1 20080103; CN 101473489 A 20090701; CN 101473489 B 20140312; EP 2036159 A1 20090318; EP 2036159 A4 20100505; JP 2009542155 A 20091126; JP 4938079 B2 20120523; KR 100816810 B1 20080326; KR 20080000133 A 20080102; US 2009184780 A1 20090723; US 8143970 B2 20120327

DOCDB simple family (application)
KR 2007002978 W 20070620; CN 200780023276 A 20070620; EP 07747012 A 20070620; JP 2009517963 A 20070620; KR 20060057480 A 20060626; US 30335607 A 20070620